

IN THE SPECIFICATION

The disclosure is objected to because of the following informalities:

Page 15, line 3: “Image” in line 3 should have been “Entropy Distribution,” as indicated by the marked up text:

*Estimation of Low Bit Rate ~~Image~~ Entropy Distribution From High Bit Rate
Entropy Distribution ~~Image~~*

Page 23, equation (11): Please replace “1” with “*I*” as indicated by the marked up text:

[0062] The cumulative weighted resolution-*j* entropy of a pixel block of size $2n \times 2n$ at location (x,y) is given by

$$\hat{B}_j^{pixel}(x,y) = \sum_{\ell=1}^J \gamma_{j,\ell} \hat{B}_{\ell 1}(i,k) \quad (11)$$

with $i = \left\lfloor \frac{x}{2^I} \right\rfloor$ and $k = \left\lfloor \frac{y}{2^I} \right\rfloor$ for the locations i and k in $\hat{B}_j(i,k)$ in

equation (10) and weights $\gamma_{j,\ell}$. An example for a collection of weights is

$$\gamma_{j,\ell} = 0 \text{ for } \ell < j \text{ and } \gamma_{j,\ell} = w_j \text{ for } \ell \geq j \quad (12)$$

with $w_0 = 1$, $w_1 = 3.5$, $w_2 = 5.5$, $w_3 = 13$, $w_4 = 20$. The parameters w_i and the weights $\gamma_{j,\ell}$ may be changed depending on the application. The set of

values \hat{B}_j^{pixel} is called the cumulative weighted entropy of the image at resolution j .